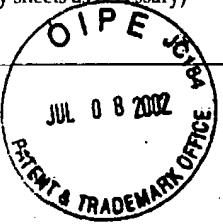


Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 004711/P1/ TCG/TPG/ other/ LE	Application Number: 09/891,849
 Page 1 of 2		First Named Inventor: Steven Verhaverbeke	Confirmation No. 4749
		Filing Date: 06/25/2001	Group Art Unit 1746

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
NY	A	5,979,475		Satoh, Takao, et al.	11-09-1999	
NY	B	6,021,789		Akatsu, Hiroyuki, et al.	02-08-2000	

FOREIGN PATENT DOCUMENTS

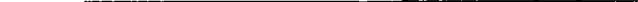
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6 <i>RECEIVED</i> <i>JUL 11 2002</i> <i>1700</i>
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
✓ <i>help</i>	C	EP	0 858 099	A2	Okumura, Katsuya	08-12-1998		
✓	D	WO	98 01896	A	Miki, Masahiro, et al.	01-15-1998		
✓	E	JP	H3-258381		Ikeda, Toshiharu	11-18-1991		
✓ <i>help</i>	F	JP	H4-213826		Naganami, Junichi	08-04-1991		

Examiner Signature	<i>Alma Mirell</i>	Date Considered	<i>6/28/04</i>
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**Examiner
Signature**

Alex Stark

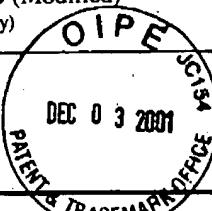
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 O I P E PATENT & TRADEMARK OFFICE U.S.A. DEC 03 2001		First Named Inventor: Steven Verhaverbeke		
		Filing Date: June 25, 2001		
OTHER ART NO PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		Translat ion ²
<i>Mu</i>	D	"Powerful Solutions for Critical Cleaning" . ProSys, Product Systems, Inc., 1p., 1998 http://www.prosysmeg.com/body_index.html		
<i>Mu</i>	E	"Ultrasonic Cleaning – Fundamental Theory and Application" , PMR Systems, 2 pp. 6/5/00 http://www.pmrsystems.com/page10.html		
	F	"Advanced Megasonic Cleaning" . Vennerbeck, R., 9 pp., 6/5/00 http://www.pmrsystems.com/presentations/DVFPS98-Final/sld001.htm		
	G	"Polymer Piezoelectric Transducers For Ultrasonic NDE" . Bar-Cohen, et al., 8 pp., 9/96, http://www.ndt.net/article/yosi/yosi.htm		
	H	"Piezoelectric Transducers" , 1 p., 2/20/98 http://www.bae.ncsu.edu/bae/research/bla...k/electrodes/projects/sensors/piezo.html		
	I	"Comment on Particle Removal Mechanisms Via Megasonic Energy" , Wu, et al., Verteq, Inc., 6/5/00; 3 pp., http://www.verteq.com/company/papers/VRTQ_MegMech1.htm		RECEIVED DEC 05 2001
	J	"Typical Uses/Definition of Material Properties" . Channel Industries, 6/5/00; 2 pp. http://www.sonatech.com/page04.htm		1100
	K	"Piezoelectric Ceramic" , Channel Industries-, 6/5/00, 3 pp. http://sonatech.com/page03.htm		1100
	L	"What is the "venturi affect?" , Van Dien, Nature.Net; 12/13/99, 6 pp. http://www.nature.net/forums/load/weather/msg12161915959.html		1100
<i>Mu</i>	M	"What is the Boundary Layer as it Relates to Megasonic Cleaning?" , ProSys, 6/5/00, 3.pp. http://www.prosysmeg.com/html/body_boundary-layer.html		1100

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